

## PCT REQUEST

7512.175

Original (for SUBMISSION) - printed on 11.02.2004 03:03:19 PM

<b>0</b>	<b>For receiving Office use only</b>	
<b>0-1</b>	International Application No.	
<b>0-2</b>	International Filing Date	
<b>0-3</b>	Name of receiving Office and "PCT International Application"	
<b>0-4</b>	<b>Form - PCT/RO/101 PCT Request</b>	
<b>0-4-1</b>	Prepared using	PCT-EASY Version 2.92 (updated 01.11.2003)
<b>0-5</b>	<b>Petition</b> The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
<b>0-6</b>	Receiving Office (specified by the applicant)	United States Patent and Trademark Office (USPTO) (RO/US)
<b>0-7</b>	Applicant's or agent's file reference	7512.175
<b>I</b>	<b>Title of invention</b>	CONTROLLED ELECTROCHEMICAL DEPOSITION OF POLYSACCHARIDES, FILMS AND HYDROGEL AND MATERIALS FORMED THEREFROM
<b>II</b>	<b>Applicant</b>	
<b>II-1</b>	This person is:	applicant only
<b>II-2</b>	Applicant for	all designated States except US
<b>II-4</b>	Name	UNIVERSITY OF MARYLAND COLLEGE PARK
<b>II-5</b>	Address:	Suite 300 6200 Baltimore Avenue Riverdale, MD 20737 United States of America
<b>II-6</b>	State of nationality	US
<b>II-7</b>	State of residence	US
<b>II-8</b>	Telephone No.	301-403-2711
<b>II-9</b>	Facsimile No.	301-403-2717
<b>III-1</b>	<b>Applicant and/or inventor</b>	
<b>III-1-1</b>	This person is:	applicant only
<b>III-1-2</b>	Applicant for	all designated States except US
<b>III-1-4</b>	Name	UNIVERSITY OF MARYLAND BALTIMORE COUNTY
<b>III-1-5</b>	Address:	1000 Hilltop Circle Baltimore, MD 21250 United States of America
<b>III-1-6</b>	State of nationality	US
<b>III-1-7</b>	State of residence	US

## PCT REQUEST

7512.175

Original (for SUBMISSION) - printed on 11.02.2004 03:03:19 PM

III-2	<b>Applicant and/or inventor</b>	
III-2-1	This person is:	applicant only
III-2-2	Applicant for	all designated States except US
III-2-4	Name	UNIVERSITY OF MARYLAND BIOTECHNOLOGY INSTITUTE COLUMBUS CENTER
III-2-5	Address:	701 East Pratt Street Suite 200 Baltimore, MD 21202 United States of America
III-2-6	State of nationality	US
III-2-7	State of residence	US
III-3	<b>Applicant and/or inventor</b>	
III-3-1	This person is:	applicant and inventor
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	PAYNE, Gregory, F.
III-3-5	Address:	1803 Miller Road Cockeysville, MD 21030 United States of America
III-3-6	State of nationality	US
III-3-7	State of residence	US
III-4	<b>Applicant and/or inventor</b>	
III-4-1	This person is:	applicant and inventor
III-4-2	Applicant for	US only
III-4-4	Name (LAST, First)	RUBLOFF, Gary, W.
III-4-5	Address:	13720 Springdale Drive Clarksville, MD 21029 United States of America
III-4-6	State of nationality	US
III-4-7	State of residence	US
III-5	<b>Applicant and/or inventor</b>	
III-5-1	This person is:	applicant and inventor
III-5-2	Applicant for	US only
III-5-4	Name (LAST, First)	YI, Hyunmin
III-5-5	Address:	3907 Lakehouse Road, #13 Beltsville, MD 20705 United States of America
III-5-6	State of nationality	KR
III-5-7	State of residence	US

## PCT REQUEST

7512.175

Original (for SUBMISSION) - printed on 11.02.2004 03:03:19 PM

III-6	<b>Applicant and/or inventor</b>	
III-6-1	This person is:	applicant and inventor
III-6-2	Applicant for	US only
III-6-4	Name (LAST, First)	FERNANDES, Rohan
III-6-5	Address:	11366 Evans Trail Apt. 104 Beltville, MD 20705 United States of America
III-6-6	State of nationality	IN
III-6-7	State of residence	US
III-7	<b>Applicant and/or inventor</b>	
III-7-1	This person is:	applicant and inventor
III-7-2	Applicant for	US only
III-7-4	Name (LAST, First)	WU, Li-Qun
III-7-5	Address:	3427 Tulane Drive #14 Hyattsville, MD 20783 United States of America
III-7-6	State of nationality	CN
III-7-7	State of residence	US
III-8	<b>Applicant and/or inventor</b>	
III-8-1	This person is:	applicant and inventor
III-8-2	Applicant for	US only
III-8-4	Name (LAST, First)	GHODSSI, Reza
III-8-5	Address:	5805 Edson Lane, #203 Rockville, MD 20852 United States of America
III-8-6	State of nationality	IR
III-8-7	State of residence	US
III-9	<b>Applicant and/or inventor</b>	
III-9-1	This person is:	applicant and inventor
III-9-2	Applicant for	US only
III-9-4	Name (LAST, First)	BENTLEY, William, E
III-9-5	Address:	909 White Marlin Way Annapolis, MD 21401 United States of America
III-9-6	State of nationality	US
III-9-7	State of residence	US

## PCT REQUEST

7512.175

Original (for SUBMISSION) - printed on 11.02.2004 03:03:19 PM

III-10	<b>Applicant and/or inventor</b>	
III-10-1	This person is:	applicant and inventor
III-10-2	Applicant for	US only
III-10-4	Name (LAST, First)	CHEN, Tianhong
III-10-5	Address:	3429 Tulane Drive Apt. 1 Hyattsville, MD 20783 United States of America
III-10-6	State of nationality	CN
III-10-7	State of residence	US
III-11	<b>Applicant and/or inventor</b>	
III-11-1	This person is:	applicant and inventor
III-11-2	Applicant for	US only
III-11-4	Name (LAST, First)	SMALL, David, Andrew
III-11-5	Address:	1110 Fidler Lane Apt. 807 Silver Spring, MD 20910 United States of America
III-11-6	State of nationality	US
III-11-7	State of residence	US
IV-1	<b>Agent or common representative; or address for correspondence</b> The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	LINIAK, Thomas, P
IV-1-2	Address:	Liniak, Berenato & White 6550 Rock Spring Drive Suite 240 Bethesda, MD 20817 United States of America
IV-1-3	Telephone No.	301-896-0600
IV-1-4	Facsimile No.	301-896-0607
IV-1-5	Agent's registration No.	33,415

## PCT REQUEST

7512.175

Original (for SUBMISSION) - printed on 11.02.2004 03:03:19 PM

V	Designation of States	
V-1	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<p>AP: BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT</p> <p>EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT</p> <p>EP: AT BE BG CH&amp;LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT</p> <p>OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT</p>
V-2	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<p>AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH&amp;LI CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW</p>
V-5	Precautionary Designation Statement  In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.	
V-6	Exclusion(s) from precautionary designations	NONE
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	12 February 2003 (12.02.2003)
VI-1-2	Number	60/446,979
VI-1-3	Country	US

## PCT REQUEST

7512.175


Original (for SUBMISSION) - printed on 11.02.2004 03:03:19 PM

VI-2	Priority claim of earlier national application		
VI-2-1	Filing date	12 February 2003 (12.02.2003)	
VI-2-2	Number	60/446,978	
VI-2-3	Country	US	
VI-3	Priority claim of earlier international application		
VI-3-1	Filing date	22 August 2003 (22.08.2003)	
VI-3-2	Number	PCT/US03/26356	
VI-3-3	PCT receiving Office	US	
VI-4	Priority claim of earlier international application		
VI-4-1	Filing date	19 December 2003 (19.12.2003)	
VI-4-2	Number	PCT/US03/40801	
VI-4-3	PCT receiving Office	US	
VI-5	Priority document request		
	The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1, VI-2, VI-3, VI-4	
VII-1	International Searching Authority Chosen	United States Patent and Trademark Office (USPTO) (ISA/US)	
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	7	-
IX-2	Description	60	-
IX-3	Claims	7	-
IX-4	Abstract	1	EZABST00.TXT
IX-5	Drawings	4	-
IX-7	TOTAL	79	
	Accompanying items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-17	PCT-EASY diskette	-	Diskette
IX-19	Figure of the drawings which should accompany the abstract	Fig.1-5C	
IX-20	Language of filing of the international application	English	

## PCT REQUEST

7512.175

Original (for SUBMISSION) - printed on 11.02.2004 03:03:19 PM

X-1	Signature of applicant, agent or common representative	
X-1-1	Name (LAST, First)	LINIAK, Thomas, P

## FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/US
10-6	Transmittal of search copy delayed until search fee is paid	

## FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
------	--	--